

SHUYKIN, N.I.; BEL'SKIY, I.F.; VOL'NOVA, Z.K.

Synthesis of trialkyltetrahydrofurans by the method of catalytic isomerization of  $\gamma$ -tetrahydrofurylalkanols. Izv. AN SSSR. Ser. khim. no.6:1128-1130 Je '64.

(MIRA 17:11)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

REF ID: A66075  
 Pn-4/Po-4/Po-4/  
 FE-4/FE-4/FE-4/

ACCESSION NR: AR5006199

S/0272/64/000/012/0051/0063

SOURCE: Ref. zh. Metrologiya i izmeritel'naya tekhnika. Otdel'nyy vypusk,  
 Abs. 12.32.422

AUTHORS: Volmukhin, A. A.

TITLE: Soviet-made instruments for measurement of noise

CITED SOURCE: Inform. sb. Tsevr. n.-i. in-t morsk. flota, vyp. 103, 1963,  
 103-108

TOPIC TAGS: noise measurement, noise analysis, spectral analysis

TRANSLATION: The All-Union Scientific Research Institute for Labor Hygiene of  
 VsesSPS (All-Union Central Council of Trade Unions) has developed a noise meter  
 type Sh-3, which makes it possible to measure noise levels in the range 15-130  
 dB. The nonlinearity of the frequency characteristic of the noise meter over  
 the sound field reaches 2.5 dB in the frequency range 50-4000 cps and 4 dB in  
 the 4000-9000 cps range. The noise meter incorporates a type MD-35 electro-

Card 1/2

L 34548-65

ACCESSION No: AR5006199

dynamic microphone.<sup>10</sup> The Sh-34 noise meter has a somewhat wider operating range, owing to the use of an MD-50 microphone. With the aid of the Sh-63 noise meter, which is an improvement of the Sh-60-N instrument, it is possible to measure sound pressure levels in the range from 10 to 140 dB at a rate of 1 dB per second. The Sh-63 noise meter is a portable instrument with a working range of 10 to 140 dB. It is a type S-4 sound frequency spectrometer, intended for practically instantaneous measurements of the amplitude of random and statistical electrical oscillations in the frequency range from 50 to 10,000 cps. The instrument is designed for the measurement of the amplitude of random and statistical electrical oscillations in the frequency range from 50 to 10,000 cps. The range is broken up into 22 bands each with a bandwidth of 1/2 octave. To measure vibrations (accelerations and velocities) in the audio-frequency band, a Soviet instrument type IVPSh is used, which, when used with a half-octave filter PF-1, can be used for the analysis of vibrations in the 50--10,000 cps frequency range (vibration probe without a rod) and in the 50--800 cps range (vibration probe with a rod).

SUB CODE: GP

ENCL: 00

Card 2/2

VOLBUKHIN, A.A.

Soviet instruments for measuring noise. Inform. sbor. TSHIMF  
no. 103. Tekh. ekspl. mor. flota no. 26:103-106 '63.  
(MIRA 19:1)

BURSILAN, N.R.; MASLYANSKIY, G.N.; VOLNUKHINA, N.K.; ZABRYANSKIY, Ye.I.

Using isoparaffinic components and catalytic reforming gasolines  
in the production of high-octane automobile fuels. Khim. i tekhn.  
topl. i masel 10 no.9:1-5 S '65. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh  
protssessov.

MASLYANSKIY, G.W.; BURSIAI, I.R.; MEL'NIKOVA, N.P.; PODOL'SKIY, M.A.;  
FEDOROV, A.P.; Primali uchastiye: NOVOZHILOVA, T.S.; DAVYDOVA,  
Z.A.; VOLNUKHINA, N.K.

long service life of a platinum catalyst. Khim.i tekhnopl.1  
issel 7 no.2:5-7 F '62. (MIRA 15:1)

1. Krasnodarskiy filial Vsesoyuznogo nefte-gazovogo nauchno-  
issledovatel'skogo instituta i Vsesoyuznyy nauchno-issledovatel'skiy  
institut neftekhimicheskikh protsessov.  
(Platinum) (Cracking process)

L 29345-66 EWT(m)/T WE

ACC NR: AP5027725 (A)

SOURCE CODE: UR/0065/65/000/009/0001/0005

AUTHOR: Bursian, N. R.; Maslyanskiy, G. N.; Volnukhina, N. K.;  
Zabryanskiy, Ye. I.

50  
B

ORG: VNIIneftekhim

TITLE: Obtainment of high octane motor vehicle gasoline from blends  
of isoparaffin components and catalytically reformed gasoline

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 9, 1965, 1-5

TOPIC TAGS: motor vehicle gasoline, gasoline, fuel octane rating,  
liquid fuel, petroleum fuel, fuel additive, tetraethyl lead, cataly-  
tic reforming, isopentane

ABSTRACT: The 1965-1970 plan for the development of the national  
economy of the SSSR requires that the octane number of motor vehicle  
gasoline for domestic consumption be raised to 95. Experimental  
results show that 1) motor vehicle gasoline with a 95 octane number  
can be obtained on the base of catalytically reformed gasoline with  
a 97-98 octane number and a 25-30 wt. percent addition of isopentane,  
and 2) motor vehicle gasoline with 95 or higher octane numbers can be

Card 1/2

UDC: 665.521.23

L 29345-66

ACC NR: AP5027725

obtained with 0.41 g TEL/1 kg gasoline on the base of catalytically reformed gasoline with a 95 octane number and up to 30 wt. percent additions of isopentane and isoparaffin components with an octane number of 80-85. Orig. art. has: 3 figures and 3 tables.

SUB CODE: 21/ SUBM DATE: none / SOV REF: 003

Card 2/2 *cc*



BURSIAN, N.R.; VOLNUKHINA, N.K.; SKORNYAKOVA, V.F.

Catalytic reforming of thermal-cracking gasolines. Khim i tekhn.  
topl. i masel 9 no.6:5-10 Je'64 (MIRA 17:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

BURSIAN, N.R.; VOLINUKHINA, N.K.

Kinetic laws governing the isomerization reactions of n-pentane  
on a platinum catalyst. Zhur. prikl. khim. 38 no. 10:2273-2276  
0 '65. (MIRA 18:12)

1. Submitted May 8, 1964.

VOLNY, Jaroslav

Voluntary construction centers of the Czechoslovak  
Scientific and Technological Society in the present  
stage. Tech praca 16 no.5:321-324 My '64.

1. Deputy chairman of the Central Council of the Czecho-  
slovak Scientific and Technological Society.

VOLNY, Jaroslav

Important year for metallurgy in machinery industry; some observations on the conference on hygiene and industrial safety in foundries. Slevarenstvi 10 no.1:1-2 Ja '62.

1. Místopředseda ústředního výboru Odborového svazu zaměstnanců strojírenství.

VOLNY, J.

Alliger, V.; Vohnicky, J. Our rationalizers in Moscow. p. 441.  
STROJIRENSKA VYROBA, Prague, Vol. 3, no. 11, Nov. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,  
June 1956, Uncl.

VOLNY, J.

"Women in Industry." p. 147 (Strojirenstvi, Vol. 3, no. 2, Feb. 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress,  
Feb. 1954, Uncl.

VOLNY, Jaroslav

Discussion of the draft of regulations on innovations,  
inventions and discoveries. Tech praca 15 no.2:89-91  
F '63.

1. Mistopredseda Ustredni rady Ceskoslovenske vedecko-  
technicke spolecnosti.

VOLNY, Jaroslav

Technology in the service of peace and progress. Tech prace  
15 no.9:649-651 S'63.

1. Mistopredseda Ustredni rady Ceskoslovenske vedecko-tech-  
nicke spolecnosti.



VOLNY, Jaroslav

Decisions of the Conference of the Mechanical Engineering  
Section of the Czechoslovak Scientific Technical Society.  
Strojirenstvi 13 no.4:173 '63.

1. Mistopredseda ustredni rady Ceskoslovenske vedecko-technicke  
spolacnosti.

VOLNY, Jaroslav

Principles of the new legal provisions on improvement suggestions, inventions and discoveries. Stroj vyr 11 no.3:160 Mr '63. -

1. Místopředseda ústřední rady Československé vědecko-technické společnosti.

VOLNY, Jaroslav

Twenty years of the development of science and technology in the Czechoslovak Socialist Republic. Przgl techn 86 no.19:4 9 My '65.

1. Deputy Chairman, Main Board of the Czechoslovak Committee for Science and Technology.

VOLNY, K.

Age and social distribution of subjects with severe myopia in the Frydek-Mistek district. Cesk. oftal. 20 no.2:73-87 Mr'64.

1. Oční oddelení OUMZ ve Frydku-Mistku; vedoucí: MUDr.K.Volny.

\*

VOLNY, K., inzh.

Designs for floors made of new materials. Na stroi. Ros. 3 no.2:  
36-38 F '62. (MIRA 16:2)

(Czechoslovakia--Floors)

VOLNY, Karel

Arteriosclerotic optic nerve malacia. Cesk. ofth. 17 no.4/5:260-268  
Jl '61.

1. Očni oddeleni OUNZ ve Frydku - Mistku, primar MUDr. K. Volny.

(OPTIC NERVE pathol)  
(ARTERIOSCLEROSIS pathol)

SKOPAL, J., MUDr.; VOJNY, O., MUDr.

Problems of stand-by services in gynecological and obstetrical departments. (M. zdrav. 13 no.3:147-150) Br '65

1. Reditel Obvodního ústavu národního zdraví v Bruntále (for Skopal). 2. Zastupitel reditele Obvodního ústavu národního zdraví v Bruntále (for Vojny).

VOLNY, ~~OTID~~ OTAKAR

70245

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[illegible]

12



VOLNY, Stanislav, inz., SSc.

Root system of the common juniper (*Juniperus communis* L. ssp. *communis*) in relation to soil conservation. Les cas 9 no.2: 89-110 F '63.

1. Lesnicka fakulta, Vysoka skola zemedelska, Brno.

VOLNY, Z.

Czechoslovakia

Stomatology Section, Kraj Hospital and Polyclinic (Stomatologické oddělení krajské nemocnice s polyklinikou v Ostravě), Ostrava; Director: Václav KOPEC, MD.

Prague, Ceskoslovenska stomatologie, No 5, Sep 62, pp 355-358.

"Experiences and Plan for Stomatological Specialization of Qualified General Practitioners in the North Moravian Kraj".

VOLNYANKO, fnu

Chief Engineer, Peat Enterprise "Globotskoye" 1946

Soviet Source: N: Soretskaya Belorussiya Minsk, 16 June, 1946

Abstracted in USAF "Treasure Island" Report No. 60234, on file in Library of Congress,  
Air Information Division.

VOLNYANSKAYA, E.M.

SOV/81-59-16-57625

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, p 282 (USSR)

AUTHORS: Il'inskiy, V.P., Seferovich, Ya.Ye., Uverskaya, A.T., Volnyanskaya, E.M.,  
Vyshenkova, O.I.

TITLE: The Preparation of Crystalline Ferrous Bromide by the Sorption of Bromine  
by a Ferrous Bromide Solution

PERIODICAL: Sb. tr. Gos. in-ta prikl. khimii, 1958, Nr 41, pp 193-209

ABSTRACT: Based on the data of the solubility in the system  $\text{FeBr}_2 - \text{H}_2\text{O}$  and thermo-  
chemical calculations on the system  $\text{FeBr}_2 - \text{Br}_2$  (gas) and  $\text{FeBr}_3 - \text{Fe}$ ,  
the possibility of obtaining  $\text{FeBr}_2$  without smoothing has been proved and  
a method of production has been proposed.

N. Shirayeva.

Card 1/1

L 16096-66 ZWT(M)/T WE/US

ACC NR: AT6004585

SOURCE CODE: UR/0000/65/000/000/0095/0105

AUTHOR: Ivanov, V. M.; Alekseyev, A. M.; Volnyanskaya, L. A.

ORG: none

TITLE: The effect of mixing on the combustion of a gaseous fuel in high velocity streams

SOURCE: AN SSSR. Institut goryuchikh iskopyayemykh. Novyye metody szhiganiya topliv i voprosy teorii goreniya (New methods in the combustion of fuels and problems in the theory of combustion). Moscow, Izd-vo Nauka, 1965, 95-105

TOPIC TAGS: combustion, combustion chamber, air breathing propulsion thruster, gas combustion

ABSTRACT: The effect of mixing of components on the combustion of gaseous fuel was studied in a test assembly consisting of a mixer and a combustion chamber equipped with a Laval nozzle at the outlet. The assembly was designed so that combustion could be carried out in the following two regimes: 1) Air is preheated by cooling of the chamber walls and enters the mixer through 4 radial openings. The fuel enters axially through a central orifice so that the fuel and oxidizer

Card 1/2

L 16096-66

ACC NR: AT6004585

flows intersect at an angle of  $90^\circ$  and then pass through a turbulizer into the combustion chamber. 2) The air enters via the turbulizer, but the fuel enters independently into the chamber through the central orifice. In this arrangement, mixing starts in the combustion chamber. In the first case, the combustion regime is purely kinetic, while in the second, it is diffusional. The results showed that in the kinetic regime, the combustion efficiency is considerably higher and the length of the combustion zone shorter than in the diffusional regime. Other experiments were conducted with the injection of secondary oxygen into the combustion chamber. Studies of the heat transfer to the walls at flow velocities of 1000 m/sec are also mentioned. The following conclusions were drawn: 1) Mixing in high velocity gas streams ( $M = 1$ ) has a controlling effect on the combustion process. 2) Introduction of secondary oxygen into the partial combustion products is much less effective than primary mixing. When the gaseous fuel is well mixed with air in the first stage, then its combustion in the chamber as well as behind the nozzle is more intensive and more complete than in the combustion of nonmixed fuel-air mixtures. The reacting components are mixed during passage through the throat area and, therefore, combustion efficiency is not increased. Orig. art. has: 6 diagrams. [pv]

SUB CODE: 21/ SUBM DATE: 09Sep65/ ORIG REF: 002/ ATD PRESS: 1202

Card 2/2 Sm

KAMENETSKIY, S.P.; UTKIN, V.V.; ZOTOV, A.V., nauchnyy red.; VOLNYANSKIY, A.G., glav. red.; SOKOLOV, D.V., zam. glav. red.; TARAN, V.D., red.; SEREBRENNIKOV, S.S., red.; MIKHAYLOV, K.A., red.; STAROVEROV, I.G., red.; VOLODIN, V.Ye., red.; NIKOLAYEVSKIY, Ye.Ya., red.; SHIROKOVA, G.M., red. izd-va; NAUMOVA, G.D., tekhn. red.

[Heat insulation work] Teploizoliatsionnye raboty. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1961. 439 p.

(MIRA 14:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut "Teploproyekt".  
(Insulation (Heat))

ALDATOV, T.N.; ANATOL'YEVSKIY, P.A.; ANOKHINA, K.T.; ORECHKIN, P.M.;  
PLOKHOV, V.I.; YAKOVLEV, A.I.; VOLNYANSKIY, A.K., glavnyy red.;  
PLOINIKOV, N.A., prof., doktor tekhn.nauk, zaslužennyy deyatel'  
nauk RSFSR, red.; KAZ'MIN-BALASHOV, A.I., inzh., nauchnyy red.; SOKOLOV,  
D.V., red.; TARAN, V.D., red.; SEREBRENNIKOV, S.S., red.; MIKHAYLOV,  
K.A., red.; STAROVEROV, I.G., red.; VOLODIN, V.Ye., red.;  
NIKOLAYEVSKIY, Ye.Ya., red.; SHERSHUKOVA, M.A., red.izd-va;  
TEMKINA, Ye.L., tekhn.red.

[Manual for specialized work; design and construction of water-supply  
wells] Spravochnik po spetsial'nykh rabotam; proektirovaniye i sooruzhe-  
nie skvazhin dlia vodosnabzheniya. Pod obshchei red. N.A.Plotnikova.  
Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam,  
1960. 235 p. (MIRA 14:6)

1. Gosudarstvennyy institut po proyektirovaniyu spetsial'nykh sooru-  
zheniy promyshlennogo stroitel'stva.  
(Wells)



AKULOV, I.A., kand. tekhn.nauk,dots.; ALEKSEYEV, Ye.K., inzh.; GURARI, M.D., inzh.[deceased]; DMITRIYEV, I.S., kand.tekhn.nauk,dots.; YEYSEYEV, R.Ye., inzh.; ZIL'BERBERG, A.L., inzh.; LIVSHITS, L.S., kand.tekhn.nauk; MEL'NIK, V.I., inzh.; RAZUMOVA, E.D., inzh.; TARAN, V.D., prof., doktor tekhn.nauk; FAL'KEVICH, A.S., kand.tekhn.nauk; TSEGEL'SKIY, V.L., inzh.; CHERNYAK, V.S., inzh.; SHILOVTSEV, D.P., inzh.; ZVEGIN'TSEVA, K.V., inzh., nauchnyy red.; TYURIN, V.F., inzh.,nauchnyy red.; VOLNYANSKIY, A.K.,glav.red.; SOKOLOV, D.V., zam. glav.red.; SEREBRENNIKOV, S.S., red.; MIKHAYLOV, K.A., red.; STARO'YEROV, I.G., red.; VOLODIN, V.Ye., red.; NIKOLAYEVSKIY, Ye.Ya., red.; LYTKINA, L.S., red.izd-va; PENEVALYUK, M.V., red. izd-va; RUDAKOVA, N.I., tekhn. red.

[Welding operations in building]Svarochnyye raboty v stroitel'stve. Moskva, Gosstroizdat, 1962. 783 p. (MIRA 15:6)  
(Welding—Handbooks, manuals, etc.) (Building)

VESELOV, A.A., inzh.; KARNEYEV, N.A., inzh.; KOZLOVSKIY, L.I.,  
inzh.; STEPANOV, A.I., inzh.; TUSHNYAKOV, M.D., inzh.;  
SHCHEPET'YEV, A.I., inzh.; VOLNYANSKIY, A.K., glav. red.;  
SUDAKOV, G.G., zam. glav. red.; TARAN, V.D., red.;  
SEREHRENNIOV, S.S., red.; MIKHAYLOV, K.A., red.; STAROVEROV,  
I.G., red.; VOLODIN, V.Ye., red.; NIKOLAYEVSKIY, Ye.Ya., red.

[Hoisting and conveying equipment for assembly and specialized  
operations] Pod"emno-transportnoe oborudovanie dlia montazh-  
nykh i spetsial'nykh rabot. Izd.2., dop. Moskva, Stroiizdat,  
1964. 679 p. (MIRA 18:4)

VERVEV'KINA, A.K., inzh.; KOLCHINSKIY, Yu.L., inzh.; NIKOLAYEVSKIY, Ye.Ye., inzh.; RODIONOVA, R.G., inzh.; RYAPOLOV, A.F., inzh.; SOKOL, I.A., inzh.; STERLIN, S.L., inzh.; EYDEL'MANT, L.B., inzh.; ORLOV, V.M., kand. tekhn. nauk, retsenzent; YURGEL', B.I., inzh., retsenzent; FOKIN, V.Ya., inzh., nauchn. red.; VOLNYANSKIY, A.K., glav. red.; SUDAKOV, G.G., zam. glav. red.; IOSELOVSKIY, I.V., red.; MARKOV, I.I., red.; MEL'NIK, V.I., red.; ONKIN, A.K., red.; STAROVEROV, I.G., red.; TUSHYAKOV, M.D., red.; CHERNOV, A.V., red.

[Engineering pipelines for industrial enterprises] Tekhnologicheskie truboprovody promyshlennykh predpriyatii. Moskva, Stroiizdat, 1964. 2 v. (MIRA 17:12)

GUBINA, A.A.; ZAKHEYN, Ye.N.; ZUSMANOVICH, V.M.; IVANOV, K.N.;  
LISITSYN, S.N.; MOZGOV, A.Ya.; PAVLOV, A.S.; PISKORSKIY,  
B.N.[deceased]; USHMIRSKAYA, A.I.; FINKEL'SHTEYN, S.M.;  
CHISTOVSKIY, V.B.; SHER, S.Yu.; ADAMOV, O.V., nauchn. red.;  
BEYZERMAN, A.N., nauchn. red.; ZHIVOV, M.S., nauchn. red.;  
POGORELYY, P.P., nauchn. red.; STAROVEROV, I.G., nauchn. red.;  
STESHENKO, A.L., nauchn. red.; TSEYTLIN, M.M., nauchn. red.;  
KOKHANENKO, N.A., inzh., red.; VOINYANSKIY, A.K., glav. red.

[Assembling interior sanitary equipment] Montazh vnutren-  
nikh sanitarno-tekhnicheskikh ustroystv. Moskva, Stroilizdat,  
1964. 725 p. (MIRA 17:8)

VERVEYKINA, A.K., inzh.; KOLCHINSKIY, Yu.L., inzh.; NIKOLAYEVSKIY, Ye.Ya., inzh.; RODIONOVA, R.G., inzh.; RYAPOLOV, A.F., inzh.; SOKOL, I.A., inzh.; STERLIN, S.L., inzh.; EYDEL'NANT, L.B., inzh.; ORLOV, V.M., kand. tekhn. nauk retsenzent; YURGEL', B.I., inzh., retsenzent; FOKIN, V.Ya., inzh., ~~retsenzent~~, red.; VOLIN'YANSKIY, A.K., red.; MARKOV, I.I., red.; MEL'NIK, V.I., red.; ONKIN, A.K., red.; STAROVEROV, I.G., red.; TUSHNYAKOV, M.D., red.; CHERNOV, A.V., red.; SUDAKOV, G.G., red.; IOSELOVSKIY, I.V., red.

[Technological pipings in industrial enterprises] Tekhnologicheskies truboprovody promyshlennykh predpriyatii. Moskva, Stroizdat. Pt.1. 1964. 784 p. (MIRA 18:9)

...lovskiy YAKNOVICH, Boris Isayevich;  
V. ... inzh., retsenzent; VYBORNIY,  
K.R., ... KRIZHANOVSKIY, G.S., inzh.,  
retsenzeno; ... red.; GOL'BERG, T.M.,  
tekhn. red.

[Operating, ... and assembly equipment in build-  
ing materials plant 3) ... remont i montazh oboru-  
dovaniia zavodov ... roitel'nykh materialov. Moskva, Stroiz-  
dat, 1964. 234 p. (MIRA 17:3)

VAYNTRAUB, I.M., inzh.; GOBZA, R.N., inzh.; KATSNEL'SON, G.A., inzh.; KRASILOV, G.I., inzh.; ORENTLIKHER, P.B., inzh.; ERLIKHMAN, S.Ya., inzh.; VOITYANSKIY, A.K., glav. red.; SOKOLOV, D.V., zam. glav.red.; TARAN, V.D., red.; SEREBRENNIKOV, S.N., red.; MIKHAYLOV, K.A., red.; STAROVEROV, I.G., red.; VOLODIN, V.Ye., red.; NIKOLAYEVSKIY, Ye.Ya., red.; SMIRNOV, L.I., inzh., nauchnyy red.; SKVORTSOVA, I.P., red. izd-va; SHERSTNEVA, N.V., tekhn. red.

[Adjusting, control, and operation of industrial ventilation systems] Naladka, regulirovka i ekspluatatsiya sistem promyshlennoi ventilatsii. Pod red. S.IA.Erlikhmana. Moskva, Gosstroizdat, 1962. 555 p. (MIRA 15:9)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye sanitarno-tekhnicheskogo montazha.  
(Factories--Heating and ventilation)

KAPLAN, Ya.I.; OBUKHOV, A.I.; PILEVSKIY, M.V.; SHNITMAN, I.L.;  
VYSHESLAVTSEV, S.I., nauchnyy red.; VOLNYANSKIY, A.K., glav.  
red.; SOKOLOV, D.V., zam. glav. red.; TARAN, V.D., red.;  
SEREBYANNIKOV, I.G., red.; MIKHAYLOV, K.A., red.;  
STAROVEROV, I.G., red.; VOLODIN, V.Ye., red.; NIKOLAYEVSKIY,  
Ya.Ya., red.; SHIROKOVA, G.M., red. izd-va; GOL'BERG, T.M.,  
tekhn. red.

[Assembly of elevators] Montazh liftov. Moskva, Gosstroizdat,  
1962. 227 p. (MIRA 15:7)

(Elevators)



YAKUBOVSKIY, F.B., red.; BELYAYEV, B.I., red.; VOLNYANSKIY, A.K., red.;  
KAMINSKIY, D.M., red.; KOL'TSOV, A.G., red.; KURUK, N.M., red.;  
OVSEYANKIN, V.I., red.; PRIVALOV, N.N., red.; KHRAMUSHIN, A.M.,  
red.; ERISTOV, V.S., red.; UDOD, V.Ya., red.izd-va; TEMKINA,  
Ye.L., tekhn.red.

[Papers and reports of the section on industrial construction,  
assembling and specialized work of the All-Union Conference on  
Construction] Doklady i soobshchenia. Moskva, Gos.izd-vo lit-ry  
po stroit., arkhitekt. i stroit.materialam, 1958. 438 p.

(MIRA 12:7)

1. Vsesoyuznoye soveshchaniye po stroitel'stvu. Moscow, 1958.  
Sektzia promyshlennogo stroitel'stva, montazhnykh i spetsializirovannykh rabot.

(Building)

KRYLOV, V.A.; SIMACHEV, L.V.; GURVITS, A.I., inzh., nauchnyy red.;  
MOLNIYANSKIY, A.K., glavnyy red.; SOKOLOV, D.V., zam.glavnogo red.;  
MARAN, V.D., red.; SYREBRENNIKOV, S.S., red.; MIKHAYLOV, E.A.,  
red.; STAROVEROV, I.G., red.; VOLODIN, V.Ye., red.; NIKOLAYEVSKIY,  
Ye.Ya., red.; GORDEYEV, P.A., red.izd-va; UDOD, V.Ya., red.izd-va;  
MEL'KINA, E.M., tekhn.red.

[Reference book on special work; mechanical assembly work in  
industrial construction] Spravochnik po spetsial'nym rabotam;  
mekhanomontazhnye raboty v promyshlennom stroitel'stve. Moskva,  
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red.; SEREBRENNIKOV, S.S., red.; MIKHAYLOV, K.A., red.; VOLODIN,  
V.Ye., red. NIKOLAYEVSKIY, Ye.Ya., red.; NINEMYAGI, D.K., red. izd-  
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VOLOBOVA, Nina Gostonovna

Designing

Order of Mark of Honor

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USSR/Electricity - Traction, Electric Conferences Jun 51

"Seminar-Conference on the Introduction of New Techniques in Electric Railroads," Docent S. D. Vlobrinskiy

"Elektrichestvo" No 6, pp 85, 86

About 170 persons participated in the conference, which was sponsored jointly by the Leningrad Inst of Railroad Engineers (Imeni Obraztsov and the Northwest Railroad District. The conference was held for 3 days in Jan 51, when 18 reports were submitted at 2 plenary sessions and at the

200T23

USSR/Electricity - Traction, Electric (Contd) Jun 51

sessions of 2 sections, i.e., electric supply and rolling stock.

200T23

[illegible]



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VOLOBUEV, V. R.

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Pochvy i klimat. Izvestiya Akad. nauk SSSR, Seriya geogr. i geofiz.,  
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 the climatic conditions available for soil formation.  $H_t =$   
 $13.2 \log P - H_0$ , where  $t$  is mean annual temp. and  $P$  is av.  
 annual pptn., a drop of pH from 8.9 to 4.5 leads to a smooth  
 rise of  $H_0$  from 80 to 115. G. M. Kozlovskiy

1757



VOLOBUYEV, V. R.

SOILS - Analysis

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VOLOBUYEV, V.R.; KOVDA, V.A., professor, redaktor; LANDSMAN, P.A.,  
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[Soils and climate] Pochvy i klimat. Baku, Izd-vo Akademii nauk  
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(Climatology) (Soils)

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VOLOBUYEV, V. R.

USSR/Geography Publications

Card : 1/1 Pub. 45 - 12/20

Authors : Gerasimov, I. P., and Fridland, V. M.

Title : Critique and bibliography. Book "Soil and Climate"

Periodical : Izv. AN SSSR. Ser. geog. 4, 83 - 86, July - August 1954

Abstract : Critical review of the book entitled "Soil and Climate", by V. R. Vlobuev, published by the Acad. of Sc. Azerb-SSR, 1953.

Institution : ....

Submitted : ....

Voluntary Work

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Alekperov, K.A.	"Soils of the Azerbaijan SSR"	Academy of Sciences Azerbaijan SSR
Aliyev, B.A.		
Volobuyev, V.I.		
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Sharifov, G.G.		

BO: W-30704, 7 July 1954

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Work results and tasks of further research on the cultivation of  
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VOLOBUYEV, V.R. (Baku)

Climate and soils [with German summary in insert]. Pochvevedenie  
no. 4:24-37 Ap '56. (MIRA 9:9)  
(Soils and climate)

VOLOBOYEV, V. R.

✓ The basis of soil classification. V. R. Volobuev. *Pochvovedenie* 1950, No. 8, 74-85 -- In a discussion of the use of indexes of soil formation for classifying soils the ideas are reviewed on compn. of sorbed bases and soil reaction, and a concept of organomineral-type reactions is proposed for explaining soil formation. This organomineral type of reaction in soil implies the sum-total of typical properties, condition, and behavior of the disperse soil mass and its interaction with the soil soln. which det. the fundamental facets of soil formation. The following types of organomineral reactions are suggested: humus-Ca, humus-Na, Na-degraded, humus-unsatd., humus-clay, clay, ferrite, gley, allitic. These types are detd. by the physicochem. nature of the disperse mass, compn. of sorbed bases, and oxidation-reduction potential. The zonal-genetic succession of organomineral reaction types finds an expression of the typical features of soils in their zonal succession from the tundra through the podzolized, steppe, subtropical, and tropical. A classification system of soils is given on the basis of these organomineral reaction types. I. S. Joffe

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A study of the relations between soil and climate, with reference to the radiation balance of the earth surface. Dokl. AN SSSR 108 no.1:147-149 My '56. (MLRA 9:8)

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(Solar radiation) (Soils and climate)



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Principal results of research in the field of biological and  
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63-75 0 '57. (MIRA 10:11)

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(Azerbaijan--Biological research)

VOLOBUYEV, V.R.

Changes in the mineral part of soils developing under conditions  
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'57. (MLBA 10:7)

1. Institut agrokhimii i pochvovedeniya Akademii nauk Azerbaydzhanskoy  
SSR. Predstavleno akademikom Akademii nauk Azerbaydzhanskoy SSR,  
G.A. Aliyevym.  
(Soil formation) (Minerals in soil) (Humidity)

VOLOBUYEV, V.R.

General hydrothermal relations in soil formation. Dokl. AN Azerb. SSR  
13 no.6:665-668 '57. (MLRA 10:8)

1. Institut pochvovedeniya i agrokhimii Akademii nauk Azerbaydzhanskoj  
SSR. (Soil formation)

VOLOBUYEV, V.R.

Studying the relationships between hydrological factors and soil.  
Izv.AN SSSR.Ser.geog. no.6:38-46 N-D ' 58. (MIRA 11:12)

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VOLOBUTEV, V.R.

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1. Institut pochvovedeniya i agrokhimii AN Azerbaydzhanskoy SSR,  
Baku.

(Soil formation)

VOLOBUEV, V.R.

Zoning soils of the Kura-Aras Lowland for land improvement purposes.  
Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 8:5-15 '58.

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VOLOBUYEV, V.R.

Comparative geography in studying the climatic conditions governing  
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1. Institut pochvovedeniya i agrokhimii AN AzeSSR.  
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VOLOBUYEV, V.R.

Water and salt balance of soils in the northern part of the  
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(Karabakh Steppe--Soils)



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from below. Trudy Inst. pochv. i agrokhim. AN Azerb. SSR 8:166-178  
'58. (MIRA 12:10)

(Kura Lowland--Solonchak soils)

VOLOBUYEV, V.R.

Relation between the total evaporation and radiation balance of the  
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(MIRA 11:11)

(Evaporation)      (Heat--Radiation and absorption)

USSR/Soil Science - General Problems.

J

Abs Jour : Ref Zhur Biol., No 19, 1958, 86688

Author : Volobuyev, V.R.

Inst : Academy of Sciences Azerbaydzhan SSR

Title : Computation of Energy Consumption in Soil Formation.

Orig Pub : Dokl. AN AzerbSSR, 1958, 14, No 3, 231-234

Abstract : Biological phenomena in the soil are closely connected with the processes of evaporation and transpiration. In the tundra and in deserts the heat consumption in evaporation from the soil and transpiration amounts to less than 3000 - 5000 cal. cm<sup>2</sup>/ year. The highest values of heat consumption in total evaporation reaches upwards of 65,000 cal. cm<sup>2</sup>/ year in humid tropical conditions. From 96 to 99.5% of the total sum of the soil formation energy is consumed in evaporation and transpiration.

Card 1/2

- 4 -

VOLOBUYEV, V.R.

Complete utilization of radiation energy in the process of soil  
formation. Dokl. AN Azerb.SSR 14 no. 8:635-639 '58. (MIRA 11:8)

1. Institut pochvovedeniya i agrokhimii AN AzerSSR.  
(Soil formation)

VOLOBUYEV, V.R.

Energy dependence in soil formation. Dokl. AN Azerb. SSR 14  
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1. Institut pechvevedeniya i agrokhimii AN Azerb. SSR.  
(Soil formation)

VOLOBUYEV, V.R.

System of bioclimatic types. Dokl. AN Azerb. SSR 15 no.8:  
707-712 '58. (MIRA 13:1)

1. Institut agrokhimii pochvovedeniya AN AzerSSR.  
(Soils--Classification)

KASHKAY, M.-A.; DUMITRASHKO, N.V.; ANTONOV, B.A.; ABASOV, M.A.; BUDAGOV,  
H.A.; VOLOBUYEV, V.R.; LILİYENBERG, D.A.; MADATZADE, A.A.;  
EUSTAMOV, S.G.; KHAIN, V.Ye.; SHIKHALIBZYLI, E.Sh.; SHIKHLINSKIY,  
E.M.; AGAYEVA, Sh., tekhn.red.

[Geomorphology of the Azerbaijan S.S.R.] Geomorfologiya Azer-  
baidzhanskoi SSR. Baku, 1959. 368 p. (MIRA 12:12)

1. Akademiya nauk Azerbaidzhanskoy SSR, Baku. Institut geografii.  
(Azerbaijan--Physical geography)

Volo Buz'ny V.R.

3(4,7) 507/240

Всероссийский метеорологический съезд, 1957

Труды... 1957. Съезд метеорологов (Transactions of the 1st All-Union Hydrological Conference, V. 21, Leningrad, 1957). Leningrad: Gidrometeoizdat, 1959. 470 p. Errata slip inserted. 2,000 copies printed.

Sponsoring agency: Glavmorgoizupravleniye gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR.

Resp. Ed.: V.A. Uryayev; Ed.: V.B. Protodopov; Tech. Ed.: M.I. Bravina.

PURPOSE: This work is intended for meteorologists, hydrologists, and hydrophysicists, particularly those engaged in the study of snow and ice and evaporation processes.

CONTENTS: This book contains papers on hydrophysics which were presented and discussed at the Third All-Union Hydrological Conference in Leningrad, October 1957. The conference published 10 volumes on various aspects of hydrology of which this is number 3. The editorial board in charge of the series includes: V.A. Uryayev (Chairman), O.A. Alekin, Ye.V. Bliznyak (deceased), O.M. Kopylov, M.A. Velt', G.A. Devikov, A.P. Domantitskiy, G.P. Malinin, S.M. Krititskiy, B.A. Rudin, L.P. Mankin, M.P. Menkel', B.P. Orlov, I.V. Popov, A.K. Prorokov, D.L. Somolovskiy, O.A. Spengler, A.I. Chebotarev, and S.M. Chernitskiy. This volume is divided into 3 sections: the first contains reports from the subsection for the study of evaporation processes, and the second contains reports from the snow and ice subsection. References accompany each article.

Krillova, T.V. [Candidate of Physical and Mathematical Sciences, 000 Leningrad] Radiation Balance of Water Bodies 42

Vorontsov, P.A. [Candidate of Geographical Sciences, 000 Leningrad] Certain Characteristics of Meteorological Conditions Over Yakovleva, M.I. [Junior Scientific Worker, 000 Leningrad] The Effect of Water Surfaces on the Air Transformation 59

Deitriyeva, M.G. [Candidate of Geographical Sciences, 700 Moscow] Infiltration Into Deep Beds in Relation to the Determination of Evaporation 54

Konstantinov, A.P., and V.P. Pushkarev [Candidates of Physical and Mathematical Sciences, 000 Leningrad] Basic Trends in the Study of Evaporation From a Ground Surface 72

Volobuev, V.B. [Corresponding Member of the Azerbaijan Academy of Sciences, Doctor of Agricultural Sciences] Relation Between Soils and the Hydrological Conditions 84

Romanov, V.V. [Candidate of Technical Sciences, 000 Leningrad] Determining Evaporation by the Wet-Bulb Method Using the Data of Standard Meteorological Observations 94

Rusin, M.P. [Candidate of Geographical Sciences, 000 Leningrad] The Gradient Method for Determining Evaporation From the Ground and Its Application Within the Station Network 95

Konstantinov, A.B. [Candidate of Physical and Mathematical Sciences, 000 Leningrad] Computing Evaporation From the Ground According to Data Supplied by Meteorological Stations 103

Struzar, L.B. [Candidate of Physical and Mathematical Sciences, 000 Leningrad] Estimating the Error in the Existing Methods for Determining Evaporation From the Ground 110

Birukov, M.B. [Candidate of Geological and Mineralogical Sciences, Institute of Forestry, Dnepropetrovsk] Computing Total Evaporation of the Taiga Zone as Exemplified by the Forest Range of the Kadnikovskiy Forest District in the Volgodonskaya Oblast' 119/2



VOLOBUYEV, V.R.

Data on the role of the warm and humid season in soil formation.  
Pochvovedenie no.3:1-10 Mr '59.

(MIRA 12:11)

1. Institut pochvovedeniya i agrokhimii AN AzerSSR.  
(Soil formation)

VOLOBUYEV, V.R.

Energetics of soil formation [with summary in English]. Izv. AN  
SSSR Ser.biol. 24 no.1:45-54 Jan-F '59. (MIRA 12:2)

1. Institute of Soil Science and agrochemistry, Academy of Sciences  
of the Azerbaijan S.S.R., Baku.  
(SOIL FORMATION)

S/030/60/OCO/06/11/043  
B004/B008

AUTHOR: Volobuyev, V. R., Academician of the AS Azerbaydzhanskaya SSR  
TITLE: Mezhrespublikanskoye koordinatsionnoye soveshchaniye  
(Interrepublican Coordination Conference) of Scientists of  
Transcaucasia

PERIODICAL: Vestnik Akademii nauk SSSR, 1960, No. 6, pp. 96-98

TEXT: It was proposed by Academician V. A. Ambartsumyan, President of the Akademiya nauk Armyanskoy SSR (Academy of Sciences of the Armyanskaya SSR) to establish a Sovet po koordinatsii nauchnoy deyatel'nosti akademiy nauk Azerbaydzhanskoy, Armyanskoy i Gruzinskoy SSR (Council for the Coordination of Scientific Activity of the Academies of Sciences of the Azerbaydzhanskaya, Armyanskaya, and Gruzinskaya SSR). The Orgkomitet koordinatsionnykh sovetov zakavkazskikh akademiy nauk (Organization Committee of the Coordination Councils of the Transcaucasian Academies of Sciences) was established at Yerevan in June 1959. It handed over the coordination of scientific research in the field of technical,

Card 1/3

Mezhrespublikanskoye koordinatsionnoye  
soveshchaniye (Interrepublican Coordination  
Conference) of Scientists of Transcaucasia

S/030/60/000/06/11/043  
B004/B008

physical and mathematical, geological and geographical sciences to the  
Coordination Council of the AS Armyanskaya SSR, in the field of biology,  
agriculture, and medicine to the Coordination Council of the  
AS Azerbaydzhanskaya SSR, and in the field of social sciences to the  
Coordination Council of the AS Gruzinskaya SSR. The first Inter-  
republican Coordination Conference on biology, agriculture, and medicine  
was held in Baku at the AS of the Azerbaydzhanskaya SSR under the  
direction of M. A. Topchibashev, Vice President of this Academy and  
Deputy Chairman of the Coordination Council, on February 25-26. 120  
leading experts from various scientific institutes, colleges, agricultural  
organizations, ministries, and offices of the Transcaucasian Republics  
attended. The coordination of 4 biological, 19 agricultural, and 5  
medical problems was arranged for the next 7 years. The joint dealing  
with the flora and fauna of Transcaucasia, the compiling of a map of  
plant distribution, the editing of monographs on natural and cultivated  
flora, especially on dendroflora, study of medical plants, plants with  
ethereal oils and technically utilizable plants, monographs on fish,  
rodents, mollusks and malanders, control of plant parasites, are mentioned.

Card 2/3